

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

**** SBFCA currently has operation and maintenance obligations during project construction and closeout.**

Sutter Maintenance Yard Maintenance Area 0016

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	4.06	03/23/2017 03/23/2017	Sterling York

LM Start		Rating **	A	Issue No.	3
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals				
DWR ID	DWR_MA0016_01_s _ 2013_3				
Comment Code					
Inspector Comment					
SBFCA has turned over to MA 0016. The O&M manuals are located at the Sutter Maintenance Yard.					

No Photos

LM Start		Rating **	A	Issue No.	4
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training				
DWR ID	DWR_MA0016_01_s _ 2013_4				
Comment Code					
Inspector Comment					
Sutter maintenance yard employees attend the annual Flood Fight class put on by DWR inspector Bob Duffy.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	4.06	03/23/2017 03/23/2017	Sterling York

LM Start		Rating **	A	Issue No.	5	
LM End		Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Emergency Supplies & Equipment				°	
					°	
DWR ID	DWR_MA0016_01_s_2013_5					
Comment Code						
Inspector Comment						
Emergency supplies and equipment are stored at the Sutter Maintenance Yard.						

No Photos

LM Start	3.19	Rating **	A/W	Issue No.	10
LM End	3.65	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.298312 °	39.305053 °
				-121.638327 °	-121.637729 °
DWR ID	DWR_MA0016_01_f_2016_10				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual grasses are maintained.					

Photo 1 of 1 : SP_2017_MA0016_302_10_20170327_00014.jpg



View looking upstream, landside, of annual grasses that are maintained.
Spring 2017.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	4.06	03/23/2017 03/23/2017	Sterling York

LM Start	3.19	Rating **	A/W	Issue No.	9
LM End	3.81	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.298312 °	39.307293 °
				-121.638328 °	-121.637671 °
DWR ID	DWR_MA0016_01_f_2016_9				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual grasses are maintained.					

Photo 1 of 1 : SP_2017_MA0016_302_9_20170327_00015.jpg



View looking upstream, waterside, of annual grasses that are maintained. Spring 2017.

LM Start	3.39	Rating **	M	Issue No.	16
LM End	3.39	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.301218 °	39.301218 °
				-121.638332 °	-121.638332 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:51157 DS_ID:17125 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 12/1/2016 LS inlet completely buried. (DWR Sutter Yard- A Freitag)5/26/2016 LS inlet was completely buried.6/8/2015 Concrete headwall is still cracked and inlet is buried. It was said to be replaced with the SBFCA project but the project skipped over in this area.12/29/2014 Same as last inspection.5/19/2014 Same as last inspection.11/6/2013 Same as last inspection.5/14/2013 SBFCA project recommends replacing in accordance with title 23. Same as last inspection.12/11/2012 Concrete headwall on LS toe is cracked through middle and pipe is buried in soil. pipe appears corroded. FIELD_STRUCT_DESC: 1 of 2: 24-inch corrugated metal drainage pipe through the levee, 16.6 feet below the crown. Concrete headwalls on both the waterside (WS) and landside (LS) ends. Flap gate on the WS end. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 148, August 1955 (Station 646+96)]. FS Date: 12/2/2016 10:08:55 AM					

Photo 1 of 2 : UCIP_SP_2017_51157_65782.jpg



Headwall at LS toe is cracked and the inlet is buried in soil.

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LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

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Unit No. 01 Feather River	Right	4.06	03/23/2017 03/23/2017	Sterling York

LM Start	3.39	Rating **	M	Issue No.	16 (cont)
LM End	3.39	Issue Type +	Ma	Location *	WS
Category	Supplemental	GPS Latitude/Longitude			
		Start		End	
Item	DWR UCIP LMA Responsibility	39.301218 °		39.301218 °	
		-121.638332 °		-121.638332 °	
DWR ID					

Comment Code

Inspector Comment

FS_ID:51157
DS_ID:17125
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 12/1/2016 LS inlet completely buried. (DWR Sutter Yard- A Freitag) 5/26/2016 LS inlet was completely buried. 6/8/2015 Concrete headwall is still cracked and inlet is buried. It was said to be replaced with the SBFCA project but the project skipped over in this area. 12/29/2014 Same as last inspection. 5/19/2014 Same as last inspection. 11/6/2013 Same as last inspection. 5/14/2013 SBFCA project recommends replacing in accordance with title 23. Same as last inspection. 12/11/2012 Concrete headwall on LS toe is cracked through middle and pipe is buried in soil. pipe appears corroded.
FIELD_STRUCT_DESC: 1 of 2: 24-inch corrugated metal drainage pipe through the levee, 16.6 feet below the crown. Concrete headwalls on both the waterside (WS) and landside (LS) ends. Flap gate on the WS end. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 148, August 1955 (Station 646+96)].
FS Date: 12/2/2016 10:08:55 AM

Photo 2 of 2 : UCIP_SP_2017_51157_65781.jpg



Headwall on WS toe with flap gates.

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LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	